

Department of Water Resources

California Water Plan – Flood Caucus

Flood Caucus Status Update

June 4, 2012

PUBLIC SAFETY

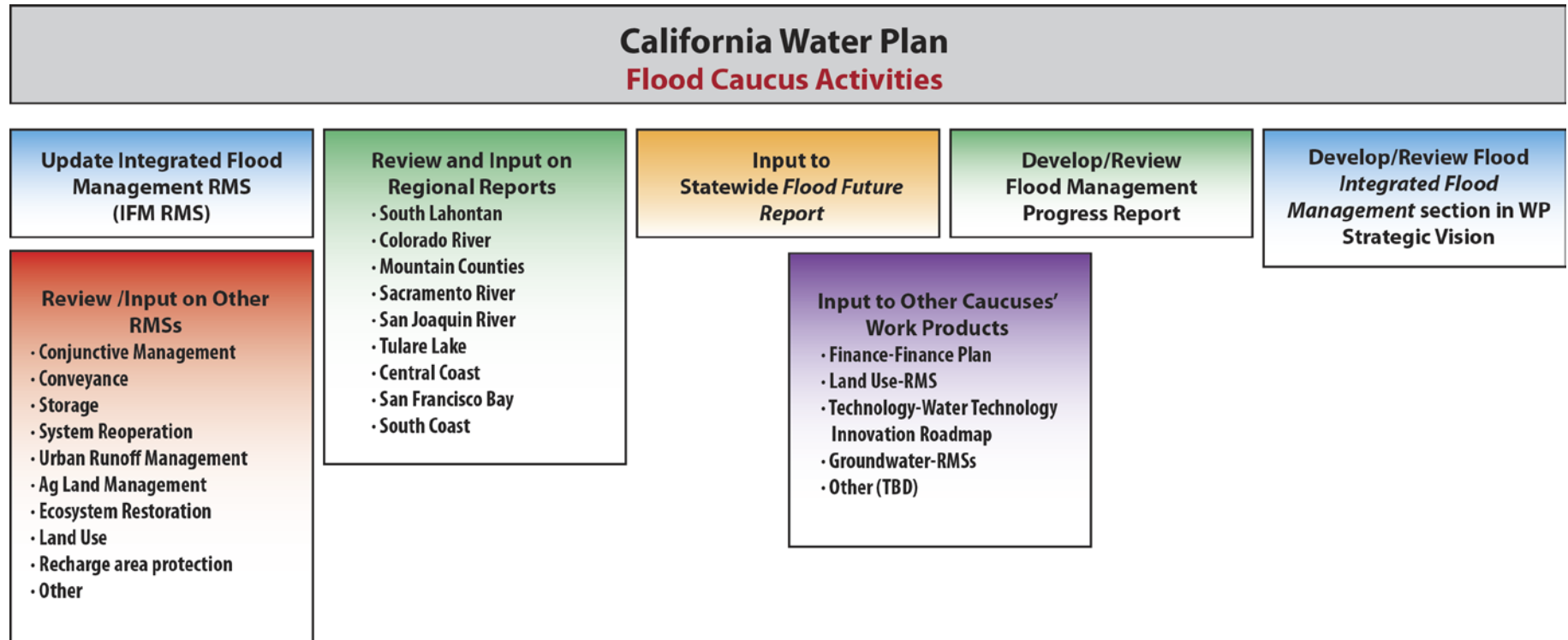
ENVIRONMENTAL STEWARDSHIP

ECONOMIC STABILITY

Agenda

- Welcome, Greetings and Introductions
- Charter Review
- Caucus Schedule and Activity Review
- FFR Technical Memoranda Walkthrough
- FFR Review Organization
- Integrated Flood RMS Next Steps
- Flood Caucus Next Steps

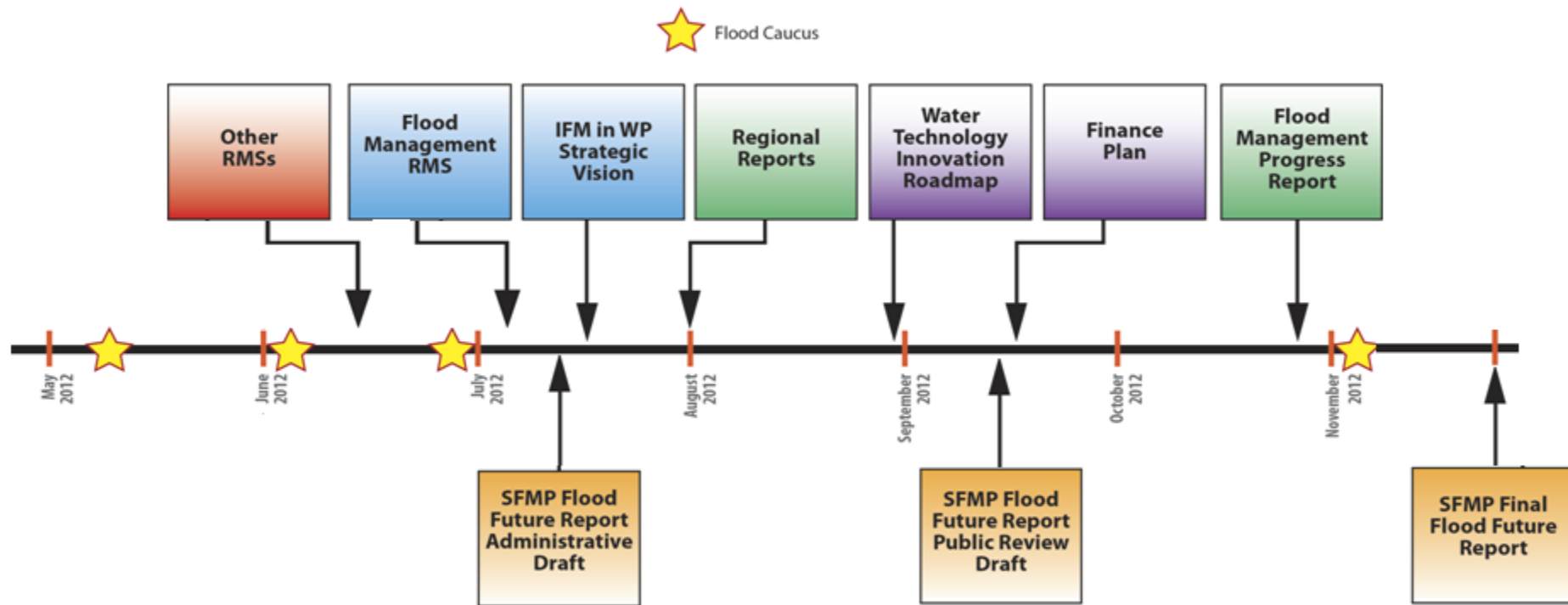
Flood Caucus Activities



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Flood Caucus Timeline for Key Deliverable

California Water Plan Flood Caucus Timeline for Key Deliverables



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STATEWIDE FLOOD
MANAGEMENT
PLANNING PROGRAM

FloodSAFE
CALIFORNIA

PUBLIC SAFETY

ENVIRONMENTAL STEWARDSHIP

ECONOMIC STABILITY



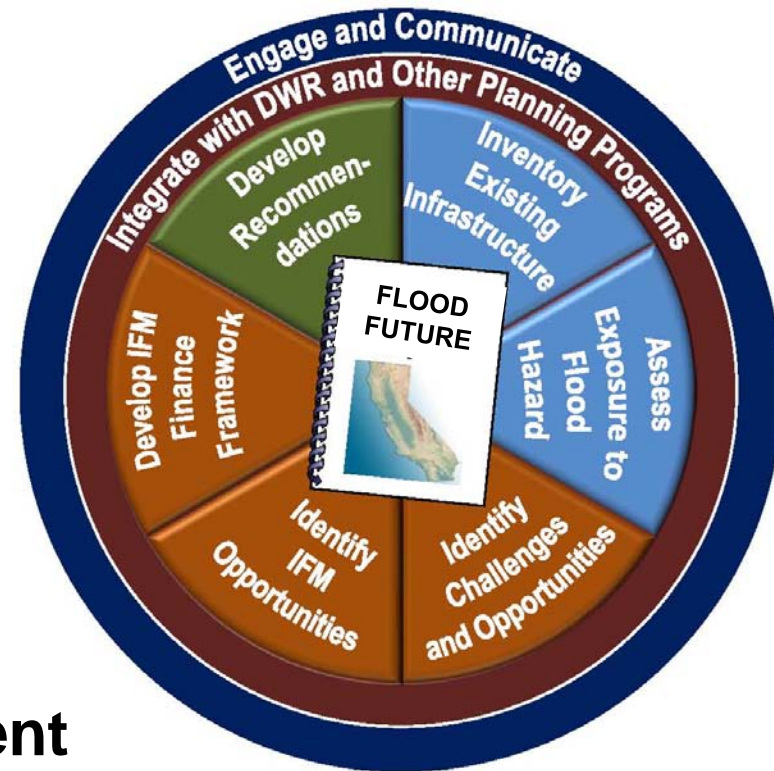
Flood Future Report

Flood Future Report Status Update

Review of Flood Future Report

- Inventory existing flood infrastructure
- Assess exposure to flooding
- Identify flood management challenges and opportunities
- Identify opportunities for IFM/IWM
- Identify funding options
- Develop **recommendations ...**

**...to guide flood risk management
strategic policies and investment decisions**



Technical Memoranda

- **Information Gathering**
- **Exposure to Flood Hazard**
- **Flood Management in the Context of Integrated Water Management (IFM)**
- Risk Information Inventory
- California Flood History
- Recommendations
- Finance

<https://sfmp.water.ca.gov/web/guest/public-outreach>

Technical Memoranda Review

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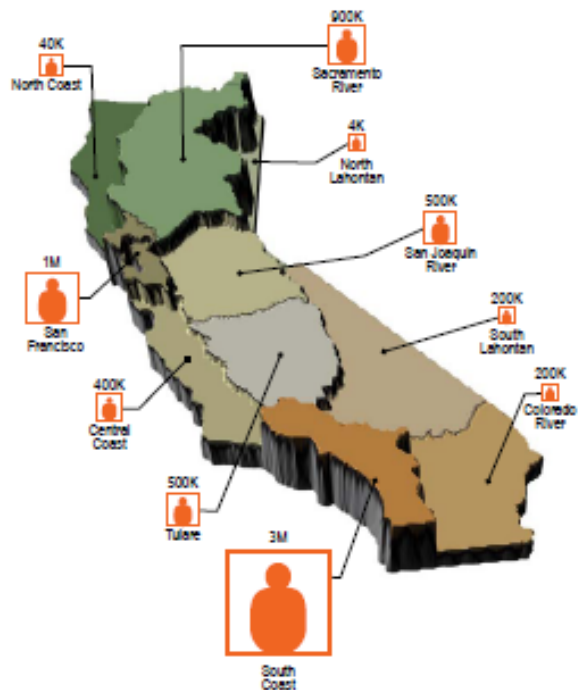
Preliminary Flood Hazard Exposure Results Summary

Overview of Preliminary statewide results

Category	Exposure to 100-Year Flood plain	Exposure to 500-Year Flood plain
Population	1.4 million	7.3 million
Value of Structures & Contents	\$137 billion	\$578 billion
Crops Value	\$5.4 billion	\$7.4 billion
Number of Critical Facilities:	6,300	13,000
DoD Facilities:	128,200 acres	138,100 acres
Native American Tribal lands	37,700 acres	66,300 acres

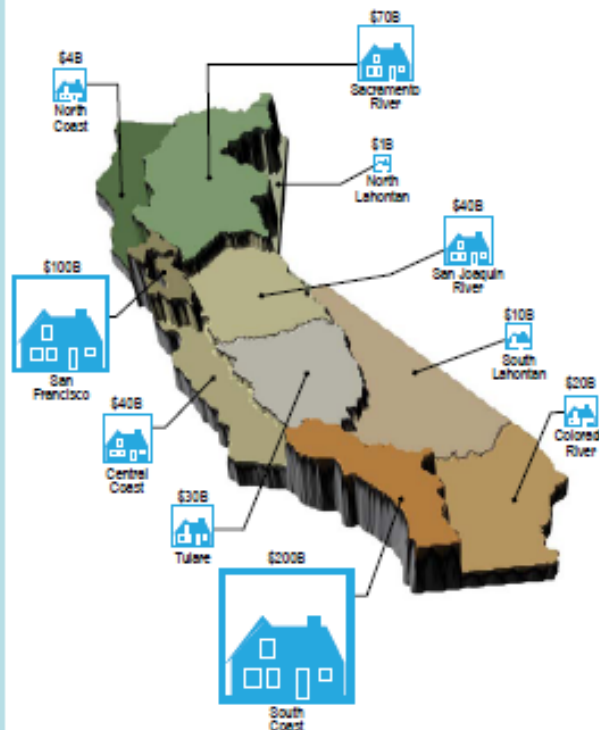
Flood Exposure

POPULATION



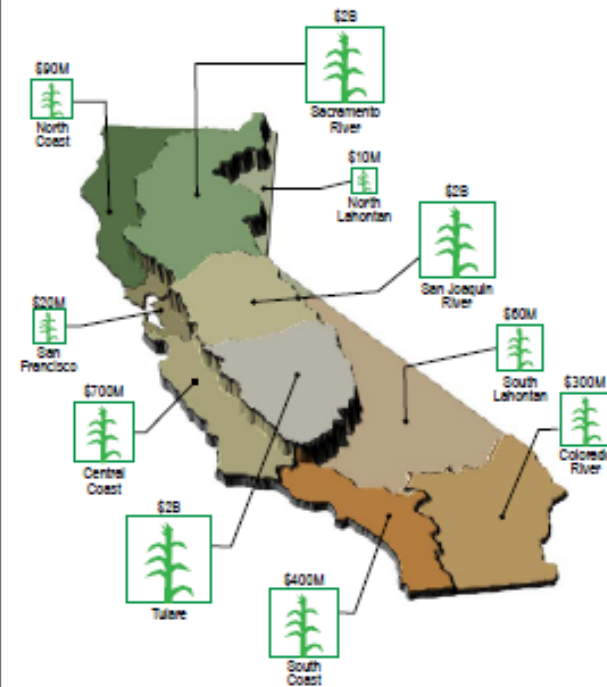
7.3 MILLION

STRUCTURES/CONTENT



\$600 BILLION

CROPS

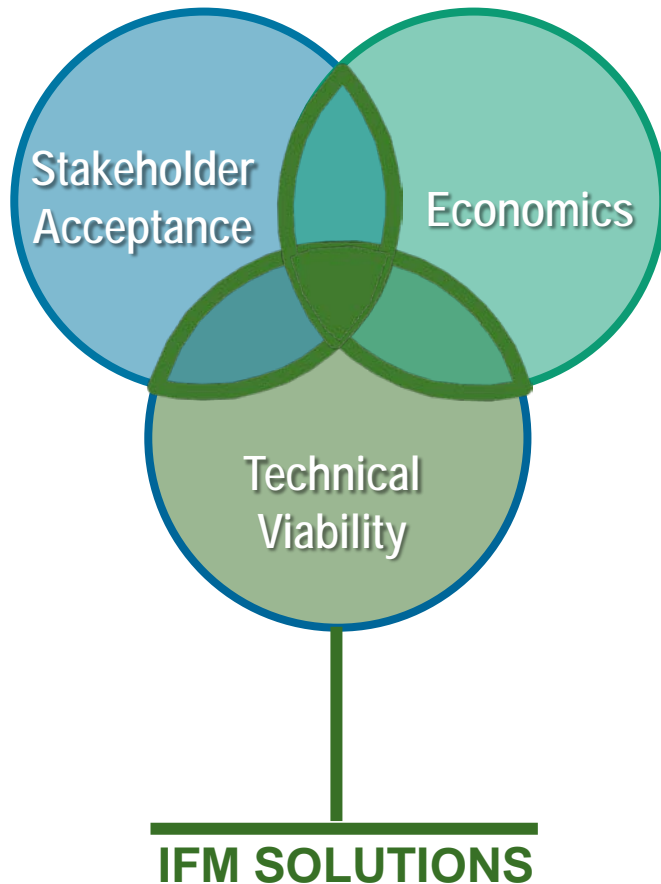


\$7.4 BILLION

Information Gathering Highlights

- Flood management agency structure varies by type and location
- Propositions 218 and 13 impose restrictions on funding
- Disconnect between land use, flood risk, and emergency planning
- Agencies want improved coordination for planning and permitting
- Flood managers do not feel fully included in IRWM process
- Total investment/project needs identified (900 projects):
 - Local: \$10.5 billion
 - \$7.2 Billion with IFM components
 - CVFPP: \$14-17 billion
 - Delta: \$1-17 billion
 - USACE: \$6 billion
- Flood Infrastructure
 - 11,392 miles of levees
 - 2,000 Dams
 - 612 Debris Basins
 - 261 Pump Stations
 - 72 Other Structures

IFM Technical Memorandum



- Recognizes the connection of flood management actions (Ecosystem Function, Floodplain Management, etc.) to :
 - Water resources management
 - Land use planning
 - Environmental stewardship
 - Sustainability
- Uses a multi-faceted approach
 - Structural
 - Nonstructural
 - Natural watershed functions using other resource management strategies
- Recognizes the importance of:
 - Evaluating opportunities and potential impacts from a system perspective
 - Importance of coordinating across geographic and agency boundaries

IFM Technical Memorandum

Types of implementation hurdles include:

- Increased Coordination
- Competing Land Uses on Floodplains
- Long Term Planning Horizons
- Funding
- Regulation, Permitting, and O&M
- Climate Change
- Multiple Agencies

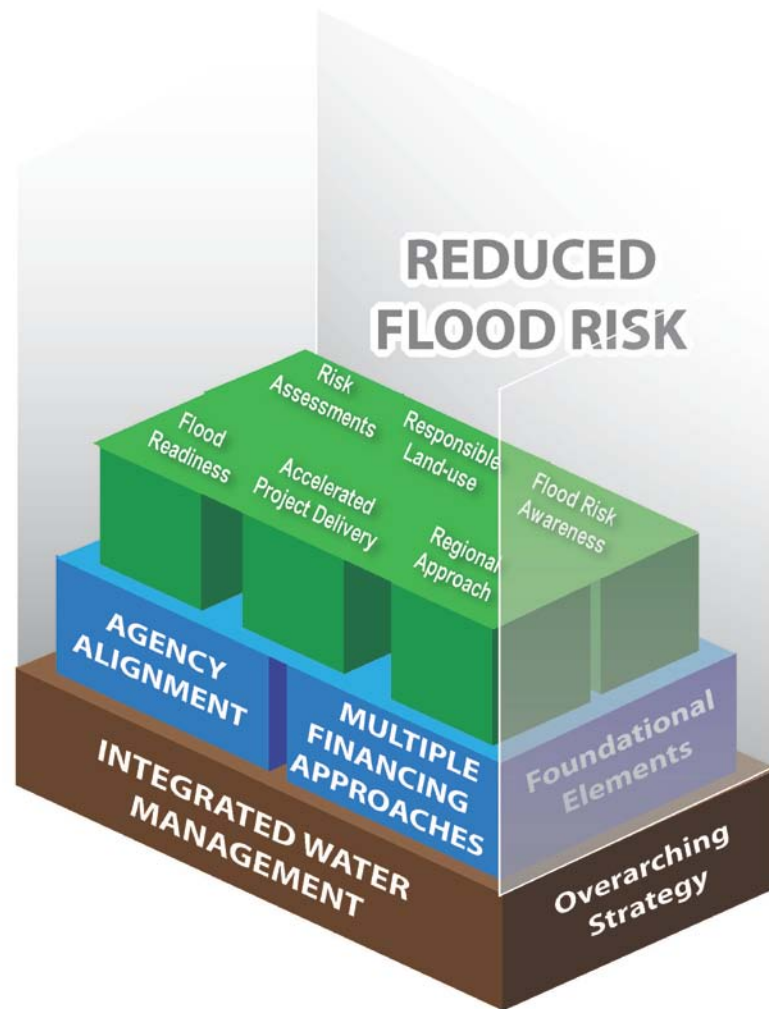
Planned/Potential FM/IWM Projects

- 279 Planned Projects with IFM Components
- \$7.2 Billion



Preliminary: Not all project costs available

Draft Recommendations



Overview - Draft Recommendations

1. Facilitate and direct agency alignment
2. Establish multiple approaches for reliable funding
3. Improve awareness about flood risks
4. Support flood preparedness, response and recovery programs
5. Conduct flood risk assessments to prioritize actions that reduce risk
6. Encourage responsible land use planning.
7. Use regional planning to establish priority projects
8. Reduce project delivery timelines

Flood Future Report Timeline - 2012

Draft: Recommendations: June 1, 2012

Review Period Ends: June 15, 2012

Administrative Draft: July 2012



Questions/Discussions

Integrated Flood Caucus – Next Steps

- June 4, 2012 - Flood Caucus
 - Review Flood Future Report Components
 - Prepare for Draft RMS
- June 29, 2012 - Flood Caucus
 - Working group to review and comment on Draft RMS
- July 15, 2012 – Revised Draft RMS turned in to CWP RMS Coordinator

RMS Cross-walk

Survey Responses

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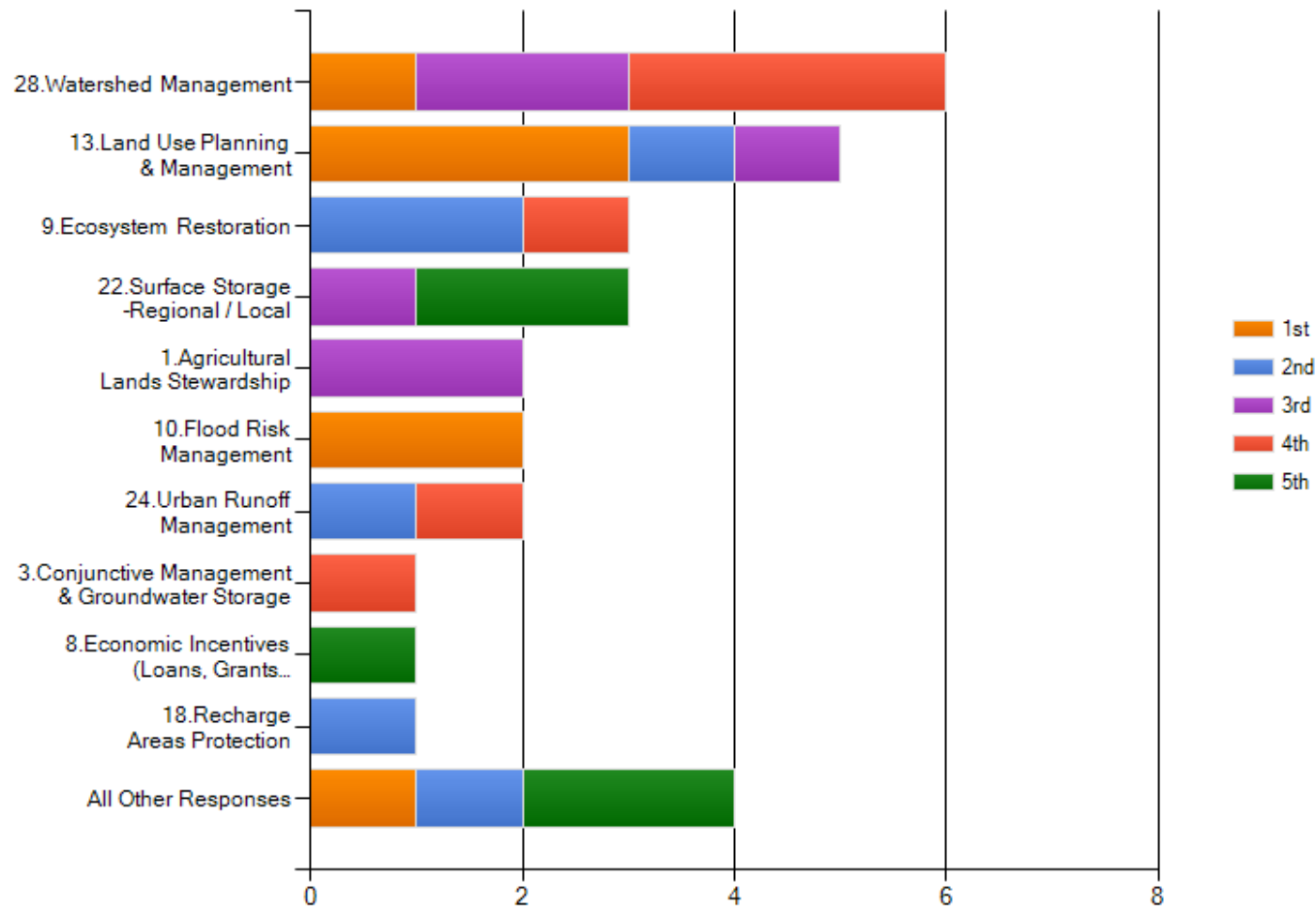
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Survey Respondents

- 13 Caucus Members broadly representing the Caucus with State, Federal and a cross section of the Advisory Committee and other stakeholders
- All RMS have coverage but lighter coverage on Water Quality Issues
- Using a weighted Scale the Number 1 priority for integration is Land Use

Thinking about the Flood RMS and the other RMS's ... What are your top 3-5 priorities for ensuring that a particular RMS is integrated with the Flood RMS?



RMS Development

RMS Scoping and Next Steps

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NEXT STEPS

If you are providing Coverage –

1. Watch for RMS Workshops. Not all RMS's will have workshops. If you are not sure, check with the facilitation team.
2. Please check the RMS Draft's Page
<http://www.waterplan.water.ca.gov/cwpu2013/2012-mar-rms/index.cfm>
3. Many are posted now and all will be posted by July 15.
4. Read the Reviewers Instructions and provide comments per instructions.

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